Franklin Chemical Industries/2020 Bruck St./Columbus, Ohio 43207

Telephone: 614-443-0241

Division: Consumer Products

Date: 8/80 (Revised 8/83)

SECTION I - IDENTIFICATION

Kin Titebond

Chemical Family Description: Polyvinyl alcohol ester blend with polyvinyl acetate. \

Mfg. Code: 1020

SECTION II - HAZARDOUS INGREDIENTS

Ht. Z TLV (Units)

Mildly acidic dispersion of polymer in water.

If waterborn-other volatile hazardous ingredients:

TLU (Units)

Residual monomer

 $\emptyset.5$

10 ppm

SECTION III - PHYSICAL DATA

Boiling Point (deg. F): 212 Specific Gravity (HOH = 1): Typical Vis. (cps): 3200 Percent Volatile (Wt. Z): Vapor Density(Air = 1): <1 Evaporation Rate (Water = 1): Solubility in Water: Miscible pH: Appearance and Odor: Light yellow opaque liquid with faint characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): None Flammable Limits: Lel=:N/A Uel= N/A Extinguishing Media: Water for dried polymer. Special Fire Fighting Procedures: Wear MESA/NIOSH approved self contained breathing apparatus (schedule 13). Unusual fire and Explosion Hazards: N/A-

SECTION V - HEALTH HAZARD DATA

Y

Threshold Limit Value: N/A

Effects of Overexposure and First Aid Procedures: Threshold limit values

not been established, however, hazard is believed to be slight. If product

gets in eyes wash with water for 15 minutes. Consult physician. Wash skin

with soap and water. In rare cases may cause skin rash. In case of ingestion

do not induce vomiting. Call physician immediately.

SECTION VI - REACTIVITY DATA

Stability - Stable: Yes Unstable: ---

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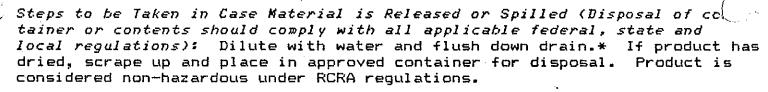
Conditions to Avoid: None
Incompatability (Materials to Avoid):

Herry L. B. S. Marchand, Phys. Lett. B 46 (1997) 187 (1997).
Herry L. M. S. Marchand, Phys. Lett. B 46 (1997) 198 (1997).

Hazardous Polymerization - May Occur: --Will Not Occur: Will Not

Conditions to Avoid: 'None
Hazardous Decomposition Products: Oxides of carbon and toxic monomer when burned.

SECTION VII - SPILL OR LEAK PROCEDURES



* If permitted by state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

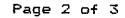
Respiratory Protection (Near Suitable NIOSH/MSHA Approved Respirator Where Exposure Limits are Exceeded):

Ventilation - Local Exhaust: At point where product is dried. Standard plant ventilation otherwise.

Mechanical (General): Special:

Other:

Protective Gloves: Impervious gloves
Eye Protection: Splashproof safety goggles
Other Protective Equipment:



SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing:

Keep from freezing.

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin Chemical Industries makes no warranty express or implied, with respect thereto and disclaims all liability from reliance thereon.